- Parker Mountain: mountain with an elevation of about 8,503 feet, in the Bitterroot Range, about 0.7 mile east-southeast of Square Top and 45 miles southeast of Elk City; named for Rev. Samuel Parker, an early traveler and preacher who crossed over this area in 1840; Idaho and Lemhi Counties, Idaho; 45°28'17" N., 114°39'45" W. Not: Square Top.
- Pig Creek: stream about 1 mile long, heading at about 44°44'10" N., 114°14'33" W. and flowing generally westward to Morgan Creek about 11 miles northwest of Ellis; Custer County, Idaho; 44°44'06" N., 114°15'58" W.
- Pioneer Mountains: mountain group about 40 miles across, just east of the Smoky Mountains, southeast of the Boulder Mountains, and southwest of the White Knob Mountains; it is bounded on the west by the Big Wood River, Trail and Summit Creeks, and the North Fork Big Lost River; on the north and east by the East Fork Big Lost River, Left Fork Cherry Creek, Cherry Creek, Antelope, Creek, and the Big Lost River; and on the south by the Snake River Plain; the highest point is Hyndman Peak with an elevation of about 12,078 feet; Blaine, Butte, and Custer Counties, Idaho; 43°37' N., 114°00' W. [center].
- Pork Creek: stream about 1 mile long, heading at about 44°45'08" N., 114°14'06" W. and flowing generally westward to Morgan Creek about 11 miles northwest of Ellis; Custer County, Idaho; 44°45'18" N., 114°15'22" W. Not: Pig Creek [q.v.].
- Right Fork Bear Creek: stream about 4 miles long, heading at about 43°43'50" N., 113°47'15" W. and flowing generally southeastward to Bear Creek about 3.7 miles east of Smiley Mountain and 22 miles west-northwest of Arco; Custer County, Idaho; SE¼ sec. 5, T. 4 N., R. 23 E., Boise meridian; 43°41'50" N., 113°44'13" W.
- † Salmon River Mountains: mountain group about 100 miles across, with accordant high elevations averaging 8,000 to 9,000 feet; it is bounded by parts of the following features: on the north and east by the Salmon River; on the southeast by Warm Spring Creek, the White Knob Mountains, the Pioneer Mountains, the Boulder Mountains, Marsh Creek, Valley Creek, and the Salmon River; on the southwest by the Sawtooth Range and the South Fork Payette River; on the west by the North Fork Payette River, Long Valley, and the Little Salmon River; Idaho; 44°55'N. 115°00' W. [center].
- to Sawtooth Range: northwest-southeast trending mountain range about 40 miles long and 7 miles wide with elevations above 10,000